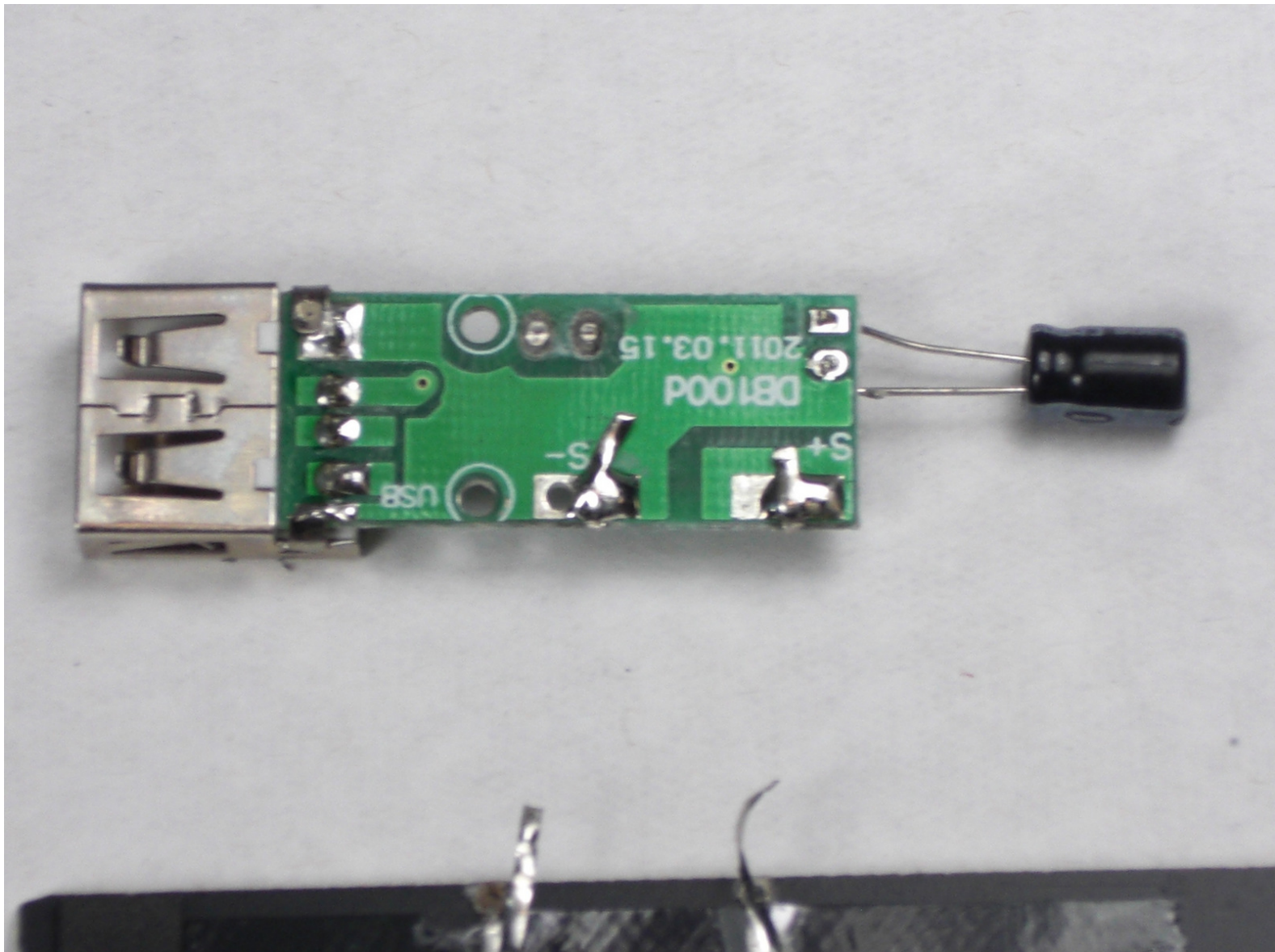




# Nokero SunRay Pro Power Panel USB Assembly Replacement

Try replacing your USB assembly or solar panel if your device will not charge.

Written By: Nicholas Orr



## INTRODUCTION

If you are having trouble with the USB port or solar panel, then these steps should be used to replace it altogether.

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### TOOLS:

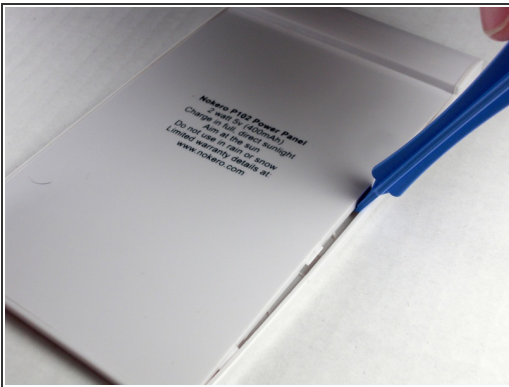
- [Soldering Station](#) (1)
  - [iFixit Opening Tools](#) (1)
  - [Phillips #00 Screwdriver](#) (1)
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## Step 1 — Front and Back Case



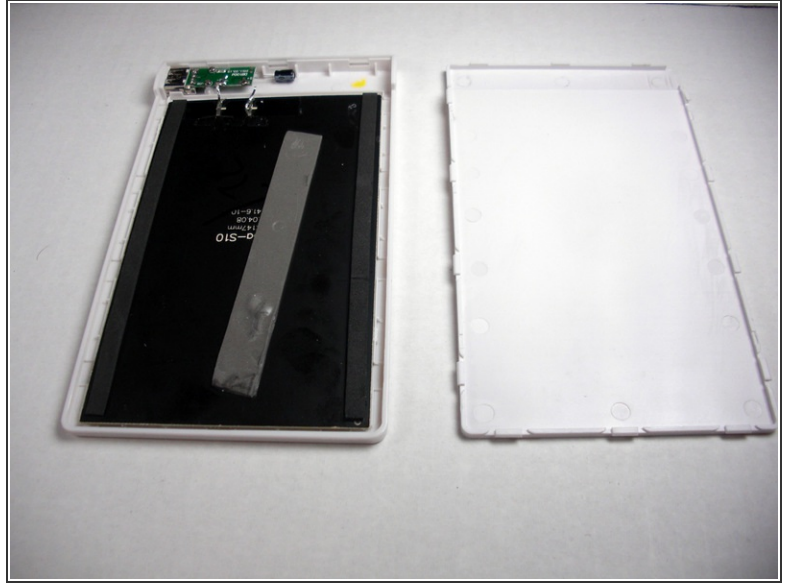
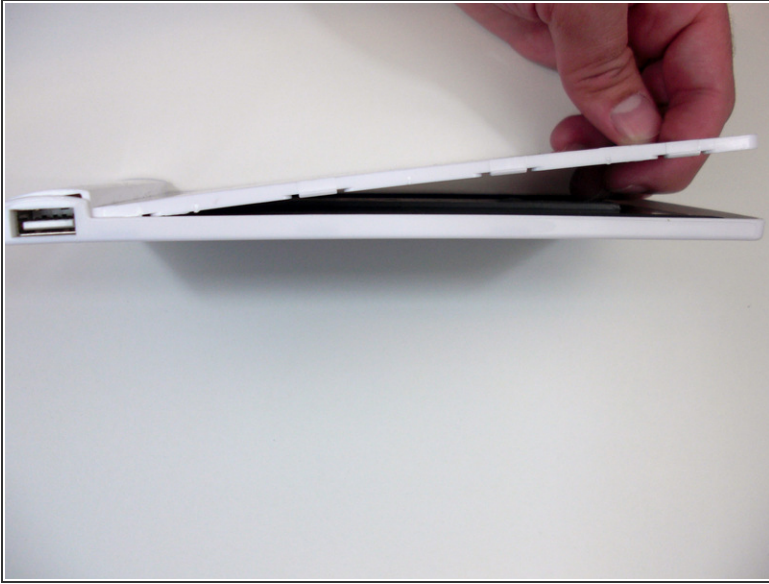
- Turn over the device so that the back of the device is facing up.

## Step 2



- Insert the first plastic opening tool along the side to pry open the case.
- ❗ Sliding the plastic opening tool, while inserted, along the seam may help the removal process.
- Use a second plastic opening tool to help separate the remaining seams.

## Step 3



- ⓘ There is a long strip of double sided adhesive foam tape that prevents the back case from easily being removed.
- Pull the back case off by applying steady pressure to remove it from the adhesive foam tape.

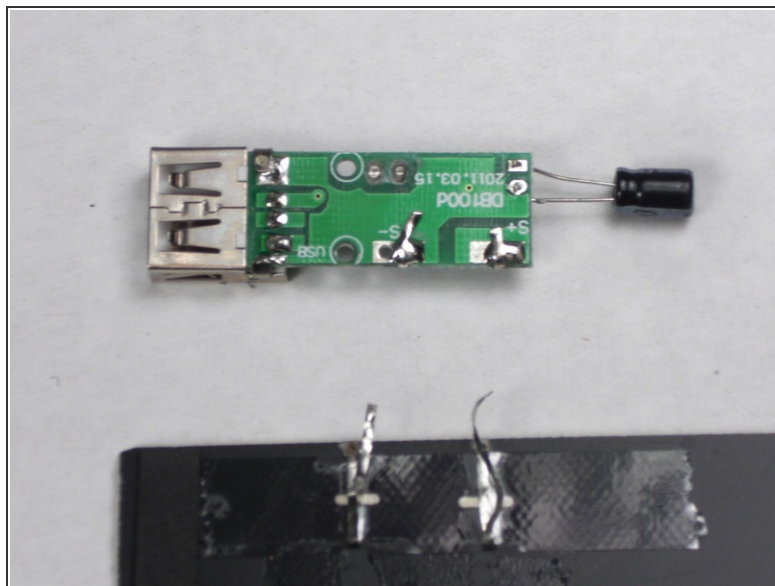
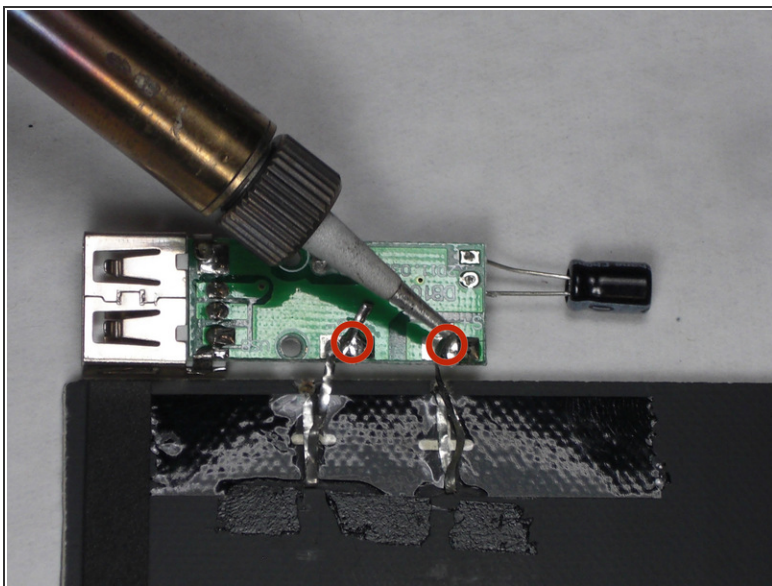


## Step 4



- Use the Phillips precision screwdriver to unscrew the two 5.0 mm Phillips screws from the circuit board.
- Remove the solar panel and circuit board from the front case.

## Step 5 — USB Assembly/ Solar Panel



- Solder the two contact points identified by the "S+" and "S-" to disconnect the USB assembly.

To reassemble your device, follow these instructions in reverse order.

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